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(71) Applicant (for all designated States except US): DSM
IP Assets B.V. [NL/NL]; Het Overloon 1, NL-6411 TE
HEERLEN (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): DEKKER, Petrus,
Jacobus, Theodorus [NL/NL]; Vonkstraat 2, NL-2497 AE
DEN HAAG (NL). BERG, VAN DEN, Marco Alexander
[NL/NL]; Voorstraat 31B, NL-2685 EH POELDIJK (NL).

(74) Agent: PALLARD, Caroline, Chantal, P; DSM In-
tellectual Property, Delft Office (600-0240), P.O.Box 1,
NL-2600 MA DELFT (NL).

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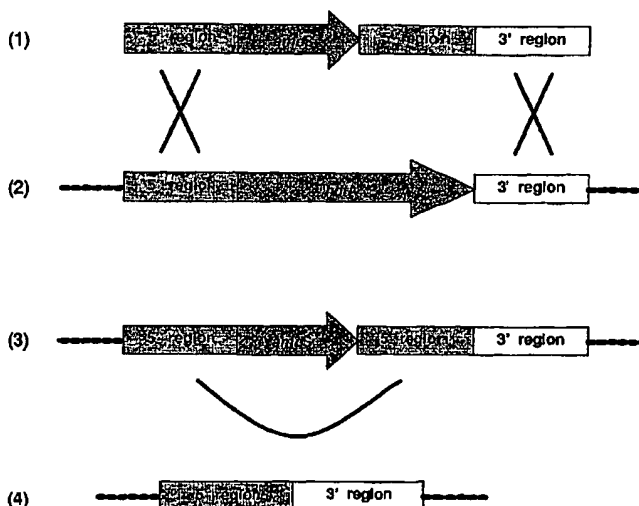
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(54) Title: FILAMENTOUS FUNGAL MUTANTS WITH IMPROVED HOMOLOGOUS RECOMBINATION EFFICIENCY



(57) Abstract: The present invention relates to a method for increasing the efficiency of targeted integration of a polynucleotide to a pre-determined site into the genome of a filamentous fungal cell with a preference for NHR, wherein said polynucleotide has a region of homology with said pre-determined site, comprising steering an integration pathway towards HR. The present invention also relates to a mutant filamentous fungus originating from a parent cell, said mutant having an HR pathway with elevated efficiency and/or an NHR pathway with a lowered efficiency and/or a NHR/HR ratio with decreased efficiency as compared to said HR and/or NHR efficiency and/or NHR/HR ratio of said parent cell under the same conditions.